

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-17. (Cancelled)

18. (Currently Amended) An inkjet printer that comprises
a support structure;
a platen positioned in the support structure;
a print assembly positioned operatively with respect to the platen to define a printing zone between the platen and the print assembly, the print assembly comprising
an elongate carrier; and
a number of printhead chips positioned on the carrier, the printhead chips together defining a printhead and each having a plurality of ink ejection nozzle arrangements on a wafer substrate;
an image processing apparatus that is operatively arranged with respect to the print assembly, the image processing apparatus comprising
a data input means configured to receive image data in an image storage format;
a data processing means that is configured to process the image data ~~at a rate of at least one billion pixels per second to transform the data into print data~~; and
a data communication means that is configured to communicate the print data to the printhead to control operation of at least 10,000 nozzle arrangements of the printhead chips; and
a feed mechanism positioned on the support structure for feeding a print medium through the printing zone.

19. (New) A printer as claimed in claim 1, in which the image processing apparatus is configured to control operation of at least 20,000 nozzle arrangements of the printhead chips.

20. (New) A printer as claimed in claim 19, in which the image processing apparatus is configured to control operation of at least 40,000 nozzle arrangements of the printhead chips.

21. (New) A printer as claimed in claim 20, in which the image processing apparatus is configured to control operation of at least 70,000 nozzle arrangements of the printhead chips.